

Elevated Type II Secretory Phospholipase A2 Increases the Risk of Early Atherosclerosis in Patients with Newly Diagnosed Metabolic Syndrome

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Supplementary Tables

Supplementary Table S1. The correlations of sPLA2-IIa protein and sPLA2 activity levels with endothelial activation molecules and cIMT in subjects without MetS.

	sPLA2-IIa protein		sPLA2 activity	
	r	p	r	p
ICAM-1	0.120	0.095	0.136	0.056
VCAM-1	0.047	0.576	0.110	0.124
E-selectin	0.125	0.087	0.097	0.191
P-selectin	0.131	0.068	0.105	0.165
cIMT	0.063	0.313	0.089	0.218

Partial correlation analysis, adjusted for age, gender, education, and smoking history.

Abbreviations: VCAM-1, vascular cell adhesion molecule-1; ICAM-1, intercellular adhesion molecule-1; cIMT, carotid intima-media thickness.

Supplementary Table S2. Univariate ORs for high cIMT (men: cIMT \geq 0.96 mm; women: cIMT \geq 0.85 mm)

Variable	OR	95% CI	p
Age(> 65 years)	3.93	2.68-5.84	0.009
Gender(Male)	1.50	1.20-3.32	0.029
Current smoking(yes)	0.66	0.43-1.21	0.650
SBP(\geq 130 mmHg)	1.32	1.02-1.72	0.031
DBP(\geq 85 mmHg)	0.82	0.83-1.03	0.416
TG(\geq 150 mg/dL)	1.35	1.03-1.72	0.030
HDL-C(< 40 mg/dL)	0.97	0.82-1.16	0.350
WC(\geq 90cm in males, \geq 85cm in females)	1.58	1.25-3.37	0.025
FBG(\geq 100 mg/dL)	4.21	2.56-6.85	0.008
ICAM-1	4.71	2.93-7.57	0.002
VCAM-1	3.22	1.57-5.86	0.016
E-selectin	3.14	1.19-5.20	0.017
P-selectin	5.10	3.17-8.45	<0.001
sPLA2-IIa protein	4.97	2.13-8.07	<0.001
sPLA2 activity	3.58	1.22-6.12	0.011

Abbreviations: SBP, systolic blood pressure; DBP, diastolic blood pressure; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; WC, waist circumference; FBG, fasting blood glucose.